LICHKOV, B.L., prof.

Hydrogeological principles in drought control. Vest. LGU 3 no.12:3-12 D '48. (MIRA 12:9)
(Drought) (Soil moisture)

LICHKOV, B. L.

USSR/Hydrology - Caspian Sea
Earthquakes

Sep/Oct 48

"Reason for the Present-Day Drop in the Level of the Caspian Sea," S. Yu. Belinkov

"Meteorol i Gidrol" No 5, pp 104-108

Critically discusses argument advanced by Prof B. L. Lichkov and Docent V. A. Sergeyev in article in "Vestnik Leningradskogo Universiteta," No 2, 1948, that result of movements of earth's crust in the Caspian depression isa subsidence of the sea bottom which affects volume of basin enough to drop sea level. Submitted 16 Jul 48.

166T42

LICHKOV, B. L.

Lichkov, B. L. "Denudation surfaces and structures in the mountain heights of Tadzhikistan," Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 8, 1948, p. 6-9

SO: U-3566, 15 March,53(Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

LICHKOV, B. L.

Lichkov, B. L. "heory of tangential-wrinkled developments of the mountains and hills of the Alps," Sbornik materialov po geologii zolota i platiny, Issue [illegible], 194[illegible] p. 3-21 - Bibliog: 24 items

SO: U-3264, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

LICHKOV, B. L.

Lichkov, B. L. - "Hydro geological principles for the struggle against droughts", Vestnik Leningr. un-ta, 1948, No. 12, p. 3-12, - Bibliog: 26, items.

SO. U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

LICHKOV, B.L.

So-called pre-Jurassic peneplains of Tien Shan and Pamir-Alai. Geog. sbor. 1:108-117 '52. (MLRA 6:7)
(Tien Shan--Plains) (Plains--Tien Shan) (Alai Mountains--Plains)
(Plains--Alai Mountains) (Pamir--Plains) (Plains--Pamir)

Geophysical Conference LICHKOV, B. L.

"Conference on the Relation of the Principal Problems of Geology and Geophysics to the Problems of Cosmogony" (V. A. Magnitskiy, reporter)

Iz Ak Nauk SSSR, Ser Geofiz, No 3, pp 285-286

Conference was held during the first part of Feb 53 by the Leningrad Branch of the All-Union Astronomical-Geodetical Society, Geographical Society of the USSR, and the Leningrad House of Scientists. Reports on geology and cosmogony were presented by B. Yu. Levin, B. L. Lichkov, D. G. Panov, O. Yu. Shmidt, and V. I. Lebedev.

252T94

LICHKOV, B.L.

Energetics of the earth and the cause of tectonic phenomena. Geol. sbor.[Lvov] no.1:279-286 '54. (MLRA 10:1)

1. Gosuniversitet imeni A.A.Zhdanova, Leningrad.
(Earth movements) (Geophysics)

LICHKOV, B.L.

V.V.Dokuchaev's law of horizontal zonality in application to ground waters, and the degree of subordination of the horizontal zonality of residual underground waters. Geog.sbor.no.6:81-119 '54.
(Water, Underground) (MLRA 8:5)

LICHKOV, B.L.

Upheaval of mountain systems. Vop.geog.36:138-159 '54. (MLRA 8:4)
(Mountains)

LICHKOV, B.L.

LINDBERG, G.U.; PAVLOVSKIY, Ye.N., akademik, redaktor; BRODSKIY, K.A., redaktor; LICHKOV, B.L., redaktor; ZENDEL', R.Ye., tekhnicheskiy redaktor.

[Quaternary period in the light of biogeographical data] Chetvertichnyi period v svete biogeograficheskikh dannykh. Moskva, Izd-vo Akademii nauk SSSR, 1955. 334 p. (MLRA 8:12)

1. Direktor zoologicheskogo instituta AN SSSR (for Pavlovskiy)
(Paleobotany--Quaternary)

LICHKOV, B.L.

KRISHTOFOVICH, A.N. [deceased]; L'VOV, V.Ye.; MARKOV, A.V., professor; KOROLEV, A.V.; GOLOSNITSKIY, L.P.; OGORODNIKOV, K.F., professor; EYGENSON, M.S., professor; LOZIN-LOZINSKIY, L.K., professor; VOROB'YEV, A.G., professor; KOZLOVA, K.I.; KAZENNOV, B.A.; SUSLOV, A.K.; GEL'FREYKH, G.B.; VASIL'YEV, O.B.; LICHKOV, B.L., professor; SYROMYATNIKOV; KUTYREVA, A.P.; KATTERFEL'D, G.N.; SYTINSKAYA, N.N.; SHARONOV, V.V.; SUVOROV, N.I.; KUCHEROV, N.I.; TIKHOV, G.A.; GORSHKOV, P.M.

Addresses by A.N.Krishtofovich and others. Trudy Sekt.astrobot.AN Kazakh.SSR 4:68-157 '55. (MLRA 9:12)

(Mars (Planet))

LICHKOV, B.L.

Conference on astrogeology. Izv.Vses.geog.ob-va 87 no.6:561-565 N-D '55. (MLRA 9:3)

(Earth)

LICHKOV, B. L.

14-57-7-14432

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7, pp 25-26 (USSR)

AUTHOR: Lichkov, B. L.

TITLE: The Relation Between Climatic Change and Changes in the Earth's Structure (O Svyazi mezhdu izmeneniyami struktury Zemli i izmeneniyami klimata)

PERIODICAL: Chteniya pamyati L. S. Berga. Vol I-III. 1952-1954. Moscow-Leningrad, AN SSSR, 1956, pp 192-211

ABSTRACT: In the author's opinion, thermal interpretations of earth tectonics must be abandoned and geodynamic interpretations of atmospheric and hydrospheric phenomena must be substituted for them. Both geotectonic and atmospheric activity are basically geodynamic in origin, and this geodynamics is caused by the rotation of the earth. The author has prepared a diagram on which he has shown changes in the

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14-57-7-14432

The Relation Between Climatic Change (Cont.)

rotation of the earth over a 110- or 111-year period (1828 to 1939), based on M. V. Stovas's study (Kriticheskiye paralleli zemnogo ellipsoida, Izv. Leningr. un-ta, 1951) [Critical Parallels of the Earth Ellipsoid, Leningrad University Bulletin, 1951], periods of earthquake intensification, changes in tidal levels, and temperature fluctuations. He has also studied the effects of temperature on herring catches. It was observed in 1885 that maximum tide height coincided with minimum earth speed and the climatic conditions most suitable for organic growth. Changes in the speed at which the earth rotates and in tidal levels coincide with increased earthquake activity. The author states that parallel movements are occurring among three groups of phenomena: climate, tectonics (expressed in the relief), and organic life. Changes in the relief, occasioned by change in its structures, and climatic fluctuations of the same origin, create the physical and geographical combinations which exercise a powerful influence on organic life in the world. In the past this has caused massive parallel changes in living

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LICHKOV, B. L.

15-1957-7-8884

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, pp 1-2 (USSR)

AUTHOR: Lichkov, B. L.

TITLE: Views of F. Yu. Levinson-Lessing on the Prolonged Oscillations of the Earth's Crust in the Light of Present Opinions (Idei F. Yu. Levinson-Lessing o vekovykh kolebaniyakh zemnoy kory v svete sovremennykh vozzreniy)

PERIODICAL: V sb: Ocherki po istorii geol. znaniy. Nr 5. Moscow, AN SSSR, 1956, pp 248-259

ABSTRACT: In the 40-80's of the 19th century a number of authors, particularly E. Zyuss, explained the dislocation of shorelines by the oscillations of sea level. In the 90's A. P. Karpinskiy and F. Yu. Levison-Lessing posed and answered this question in a novel way. F. Yu. Levinson-Lessing contended that oscillations in the hydrosphere are caused by oscillations in the lithosphere; that the risings and fallings of dry land follow each other in an orderly manner, either in the

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Views of F. Yu. Levinson-Lessing on the Prolonged Oscillations of the Earth's Crust in the Light of Present Opinions (Cont.)

longitudinal or in the latitudinal direction (1893); that the periods of rising correspond to the falling of adjacent regions (1897); that rivers represent the main factor in delivering materials for the deposits in the geosynclines; and that the seas of geosynclinal character always extend parallel to dry land, so that the uplifts of dry land represent the directrices for geosynclinal structure in a given territory (1902). The views of F. Yu. Levison-Lessing are particularly interesting in connection with the presence of vertical motions in the different parts of the earth's crust, the process of folding considered as an outer zone occurrence, the shortcomings of the contractional hypothesis and the theory of tangential folding in the process of mountain formation. From the interrelation between the movements of the earth's crust, acting in opposite directions, Levinson-Lessing formulated a general law manifesting, on one hand "the competence and elasticity of the earth's crust," and on the other the yielding of the form of the terrestrial sphere and

Views of F. Yu. Levinson-Lessing on the Prolonged Oscillations of the Earth's Crust in the Light of Present Opinions (Cont.)

the distribution of its masses to the force of gravity. Gravity, according to Levinson-Lessing, determines the major structures and the form of the earth. We can distinguish in the work of Levison-Lessing the following views, which have remained valid up to the present time: 1) the inconclusiveness of the explanation of relief by fold-forming movements; 2) the dependence of the origin of the earth's mountains on simple vertically upward movements; 3) the limitation of folding to the outer zone of the earth's crust and its absence in the basal zone; 4) the obsolescence of the premises of the eustatic theory and of the vast eustatic uplifts; 5) the interrelation of terraces and uplifts; 6) the dependence of the form and distribution of structures in the terrestrial sphere on the force of gravity, and the fact that the planet's center of gravity remains unaltered. Contemporary science agrees with the contention of F. Yu. Levinson-Lessing that folding conditioned by lateral pressure does not extend to any great depth; that such folding is a secondary phenomenon derived

Views of F. Yu. Levinson-Lessing on the Prolonged Oscillations of the Earth's Crust in the Light of Present Opinions (Cont.)

from uplift movements, which do not reach to the basal zone; and that folds, overthrusts and faults represent gravitational flows and are caused by vertical uplifts. The author proved this point in 1945, using as an example the folded structures of the Alps. Contemporary data confirm F. Yu. Levinson-Lessing's contention that the vertical movements of dry land (and not eustatic movements) are responsible for the formation of terraces. This theory has been proven by B. L. Lichkov (1928-1934), who used as his examples the coastal zones of the Mediterranean, the Black Sea and the Caspian Sea; he also developed the ideas of a French geomorphologist, Depere, pertaining to the coastal zone of the Mediterranean Sea. Apart from the five terraces on the coastal zones of these seas, all of which are referred to the latter half of the Quaternary period, B. L. Lichkov established the presence of a system of ledge-like erosional surfaces in the Alps and the Caucasus mountains, and in Transcaucasus, Central and Southern Asia. These ledges are of the same origin as the terraces referred to the period

Views of F. Yu. Levinson-Lessing on the Prolonged Oscillations of the Earth's Crust in the Light of Present Opinions (Cont.) 15-1957-7-8884

from the end of the Miocene up to that of the Sicilian terrace, the highest of the five found by Depere.

Card 5/5

D. I. Gordeyev

LICHKOV, B.L.

Surface and soil water zones in the history of the earth in connection with loess and clay formation. Trudy Inst. geol. nauk AN URSR. Ser. geomorf. i chetv. geol. no.1:159-167 '57. (MIRA 11:4)
(Water) (Clay) (Loess)

LICHKOV, B.L.; GAKKEL', Ya.Ya.

Second conference on problems relating to the astrogeology. Izv. Vses. Geog. ob-va 89 no.2:170-175 Mr-Ap '57. (MLRA 10:6)
(Earth)

LICHKOV, B.L.; SHAFRANOVSKIY, I.I.

Conformity of angular values in geology, crystallography, and hydrodynamics. Nauch.dokl.vys.shkoly; geol.-geog.nauki no.2: 3-9 '58. (MIRA 12:2)

1. Leningradskiy gornyy institut, Kafedra kristallografii.
(Geology, Structural) (Crystallography)
(Hydrodynamics)

LICHKOV, B. L.

"The Unity of Natural Waters and the Formation of Subsurface Waters" based on the theory of the Academician V.I. Vernadskiy

report presented at the 3rd All-Union Hydrological Congress, 7-17 Oct 1957, Leningrad.

(Izv. Ak Nauk SSSR, ser geograf., 3, pp3-9, '58)

LLCHKOV, O.L.

AUTHOR: None given

SOV/5-58-5-12/20

TITLE: The Hydrogeological Section (Gidrogeologicheskaya sektsiya)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskiy, 1958, Nr 5, pp 151 - 153 (USSR)

ABSTRACT: The Hydrogeological Section of the Society. (Chairman- O.K. Lange, Secretary - N.F. Lobanova) heard the following reports. On 10 April 1958, by A.S. Dubil'yer, "The Question of Hydrochemical Zonality of Upper-Permian Deposits in the South Ural Region", and "The Borate Waters of the Transeba channels by G.V. Tsytsarin. The following persons took part in the discussions: A.A. Alekein, A.F. Yakushova, B.F. Mavritskiy, S.V. Viktorov, N.F. Lobanova, K.A. Kesnofontova and O.K. Lange. On 17 April 1958, by B.L. Lichkov, "Erosive Surfaces of Mountains, the Structure of Mountains and Hydrogeology", and by V.S. Samarin "The Geomorphology and the Hydrogeologic Map". The following persons took part in these discussions: N.I. Skolov, N.V. Dmitrashko, M.A. Veviorovskaya, A.A. Konoplyantsev, A.S. Dubil'yer, K.V. Filatov, A.A. Brodskiy, V.B. Neyman. On May 15, by K.V. Filatov "The Basic Rules of the Hydrochemical Composition of Subterranean Waters of the Altay, and some Considerations on the Problem of Their Genesis", and by L.M. Gudochkina, "The Engineering and Geological Characteristics of Rocks from the Alma-Ata Region". The following persons took part in the discussions: Ye.N. Yartseva, V.N. Popov, A.G. Zavidonova, N.F. Lobanova, Yu. V. Mukhin, D.S. Sokolov and O.K. Lange. On May 22, by N.V. Tageyeva, "The Geochemistry of Pore Waters from Quaternary and Pliocene Sediments of the Caspian Sea", and by Ch.Ya. Krol', "The Geochemistry of Pore Solutions of Carboniferous Deposits of the Moscow Oblast'". The following persons took part in the discussions: V.N. Popov, A.A. Gavrushkina, O.L. Stadnikov, V.F. Bel'skaya, Ch. Ya. Krol', A.G. Zavidonova and O.K. Lange. On May 29 1958, the reports were made by A.I. Silin-Bekchurin, "Some Problems of Hydrogeology in North Africa and Hindustan" and by A.G. Zavidonova "The Devonian Waters of the Tambov Oblast'"). The following persons took part in the discussions: Yu.N. Mukhin, A.G. Zavidonova, N.A. Veviorovskaya, A.S. Dubil'yer, O.K. Lange and A.I. Silin-Bekchurin.

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LICHKOV, B.L.

Time of formation of recent deserts and the appearance in them of old foothill alluvial plains and foothill artesian basins. Geol. sobr. [Lvov] no.5/6:510-518 '58. (MIRA 12:10)

1.Gosuniversitet imeni A.A. Zhdanova, Leningrad.
(Deserts) (Alluvial plains) (Water, Underground)

LICHKOV, B.L.

Formation of underground waters and the unity of natural waters.
Trudy Lab.gidrogeol.probl. 16:27-33 '58. (MIRA 12:2)

1. Leningradskiy gosudarstvennyy universitet.
(Water, Underground)

AUTHORS: Lichkov, B. L., Shafranovskiy, I. I. SOV/20-120-3-46/67

TITLE: Coincidence of Some Angular Quantities in Geology, Crystallography and Hydrodynamics (Sovpadeniye uglovykh velichin v geologii, kristallografii i gidrodinamike)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 3, pp.603-605 (USSR)

ABSTRACT: The purpose of the present paper is to draw the attention to a remarkable coincidence of the angle of 35° (or, more exactly, of $35^{\circ}15'52''$) and of the angle complementary to it of 55° (or, of $54^{\circ}44'08''$) in the mentioned fields. The majority of mountain ranges on the globe have a course following the 35^{th} parallel (Ref 12). Zones of the most salty ocean water are recorded between the 30^{th} and the 35^{th} parallel. (Refs 4, 5). The transtropical barometric maxima are located on the 35^{th} parallel (Ref 3). Veronnet (Veronne) (Refs 30, 31) computed mathematically that on a rotating heterogeneous geoid mountains must form along 35^{th} parallel, this parallel being called the"critical" one. The secular rise and sag of the earth's crust occurs in four zones between the pole and the equator, their boundaries coinciding

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Coincidence of Some Angular Quantities in Geology, Crystallography and Hydrodynamics

with the 35th and the 71th parallel (Ref 7). The sun exhibits parallel zones of sun spots along the ± 35th parallel. The width dislocations on the lithosphere surfaces are bound to two critical parallels (35°15'52") (Ref 9). The angle of 54°44' is of exceedingly high importance in crystallography. The polar distance for the octahedron facettes equals 54°44'08". Octahedron and tetrahedron are the most important forms in crystal syngonism, which, hence, also play an eminent part in crystal chemistry and stereochemistry (Ref 2). The angle of 54°44'08" is of particular importance also in hydrodynamics (Refs 18, 23). Two spheres of equal size moving in the same direction with identical velocity within a liquid act with a force f upon each other. This force becomes equal to zero when the angle α is equal to 54°44'08" (α denoting the angle between the direction of motion and the straight line connecting the centers of the front and rear sphere). These conclusions were utilized in the discussion of the dynamics of the family (Refs 18, 19). The angle of 54°44' was also called "critical". It was also attempted to draw a schematic analogy between two equal

Coincidence of Some Angular Quantities in Geology, Crystallography and Hydrodynamics SOV/20-120-3-46/67

spheres moving in the same direction in the liquid and the elementary particles in a solution aiming towards a crystallization center (Ref 14). The author's attention was directed towards this problem by M. V. Stovas. There are 31 references, 21 of which are Soviet.

PRESENTED: January 18, 1958, by D. V. Nalivkin, and N. V. Belov, Members, Academy of Sciences, USSR

SUBMITTED: December 18, 1957

1. Hydrodynamics 2. Crystal structure--Determination 3. Earth--Configuration 4. Mountains--Location 5. Salts --Distribution

Card 3/3

VERNADSKIY, Vladimir Ivanovich. Prinimala uchastiye SHAKHOVSKAYA, A.D.. VINOGRADOV, A.P., akademik, otv.red.; BARSANOV, G.P., doktor geol.-min.nauk, red.; LICHKOV, B.L., doktor geol.-min.nauk, red.; KUN, N.R., red.izd-va; ASTROV, A.V., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Selected studies] Izbrannye sochineniia. Moskva, Izd-vo Akad.nauk SSSR. Vol.4, book 1. 1959. 624 p. (MIRA 13:1)

1. Sotrudnik memorial'nogo kabineta V.I.Vernadskogo v Institute geokhimii i analiticheskoy khimii Akademii nauk SSSR (for Shakhovskaya).

(Mineralogy)

LICHKOV, Boris Leonidovich, prof.; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; TOLSTIKHIN, N.I., otv.red.; SHNITNIKOV, A.V., otv.red.; SUVOROV, I.V., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Natural waters of the earth and the lithosphere] Prirodnye vody Zemli i litosfera. Moskva, Izd-vo Akad.nauk SSSR, 1960. 163 p. (Geograficheskoe obshchestvo SSSR, Zapiski. Novaia seriia, vol.19) (MIRA 14:5)

1. Prezident Geograficheskogo obshchestva SSSR (for Pavlovskiy). (Earth)

KROTOVA, Valentina Artem'yevna; LICHKOV, B.L., nauchnyy red.; DESHALYT, M.G., vedushchiy red.; GENNAD'YEVA, I.M., tekhn.red.

[Hydrogeological factors related to oil potential] Gidroleologicheskie kriterii neftenosnosti. Leningrad Gos.nauchn.-tekhn. izd-vo neft.i gorno-topl.lit-ry.Leningr.otd.-nie, 1960. 161 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.147). (MIRA 13:7)

(Petroleum geology)

VERNADSKIY, Vladimir Ivanovich; VINOGRADOV, A.P., akademik, otv.red.; LICHKOV, B.L., doktor geol.-min.nauk, red.; FEODOT'YEV, K.M., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR. Vol.4. Book 2. 1960. 651 p. (MIRA 13:10)
(Water, Underground) (Mineralogy)

LICHKOV, B.L.; SHAFRANOVSKIY, I.I. [Shafranovs'kyi, I.I.]

Critical parallels of the earth's ellipsoid and their angular analogues in crystals. Geol. zhur. 21 no.6:12-23 '61. (MIRA 15:2)

1. Leningradskiy gornyy institut.
(Earth—Figure)(Crystallography)

LICHKOV, B.L.

Significance of the terrestrial theory and necessity of its creation. Geog.sbor. no.15:7-28 '62. (MIRA 15:12)
(Earth)

LICHKOV, B.L.

F.IU. Loewinson-Lessing as geologist. Vop. magm. i metam. 1:13-19 '63. (MIRA 16:8)

(Loewinson-Lessing, Frants Iul'evich, 1861-1939)

LICHKOV, B.L.

Scientific conecpts and work during the last years of V.I.Vernadskii's life. Och.po ist.geol.znan. no.11:124-151 '63. (MIRA 16:7)
(Vernadskii, Vladimir Ivanovich, 1863-1945)

LICHKOV, B.L.; GURVICH, M.S.

Eightieth anniversary of G.S. Burenin's birth. Trudy [illegible]
245-252 '63. (MIRA [illegible])

YUR'YEV, A.A.; LICHKOV, B.L.

Reviews and bibliography. Uzb. geol. zhur. 8 no.1:89-93 '64.
(MIRA 18:5)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN UzSSR (for Yur'yev). 2. Leningradskiy gosudarstvennyy universitet (for Lichkov).

LICHKOV, Boris Leonidovich, prof.; SHAFRANOVSKIY, I.I., prof., otv. red.; BARKHATOV, B.P., prof., otv. red.; SKORYNINA, N.P., red.

[Principles of the modern theory of the earth] K osnovam sovremennoi teorii Zemli. Leningrad, Izd-vo Leningr. univ., 1965. 117 p. (MIRA 18:7)

[illegible]-65 EWT(1) MLK/GW

[illegible] NR: AT5002745 8

AUTHOR: Lichkov, B. L.

TITLE: The signs of symmetry of the Earth associated with its gravitational field, tectonics and hydrogeology (the interaction of terrestrial shells and the laws of movement within them)

SOURCE: Zemlya vo Vselennoy (The Earth in the universe). Moscow, Izd-vo Mysl', 1964, 156-171

TOPIC TAGS: lithosphere, polar compression, angular asteroid, tangential displacement, mass displacement, antipodal meridian, tangential stress, radioactive heat, latitudinal zonality, mountain formation, epeirogenic movement

ABSTRACT: The uplift and subsidence of the land surface on the 35th and 62nd parallels as well as the 4 antipodal meridians with a distance of 90° between them are said to be caused by the tangential displacement of masses over vast distances. The reason for all of this is the existence of critical parallels and critical meridians which are detected during the rotation of the planet and determine its body structure. Submeridional dislocations occur around the perimeter of the Pacific Ocean, and are very sizable in scale. There is justification for the

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ACCESSION NR: AT5002745

assumption that the latitudinal zonality of the Earth is continuous, extending from the outer liquid and gaseous shells down almost to the core. The symmetry observable in the atmosphere and hydrosphere is characteristic of the entire planet. The various shells of the earth - the ionosphere, troposphere, hydrosphere, lithosphere and barysphere - are said to be inseparable parts of a single shell. Referring to his own book, "Prirodnyye vody Zemli i litosfere", the author claims there is no contradiction between the following two statements in it: 1) Mountain-formation is part of the reshaping process of the planet and 2) mountain-formation is the result of the action of the ocean tides on the solid earth's crust and their effect on the continents.

ASSOCIATION: None

SUBMITTED: 30Jan64 ENCL: 00 SUB CODE: ES

NO REF SOV: 060 OTHER: 001

SUKACHEV, V.N.; BOGDANOV, A.A.; IVANOVA, I.K.; LAZUKOV, G.I.; NIKOLAYEV, N.I.; YAKUSHOVA, A.F.; GELLER, S.Yu.; GRICHUK, V.P.; KOLESNIK, S.V.; SOKOLOV, N.N.; LICHKOV, B.L.; GORETSKIY, G.I.; SHCHUKIN, I.S.; BYKOV, V.D.; SAUSHKIN, Yu.G.; GLAZOVSKAYA, M.A.; GVOZDETSKIY, N.A.; TUSHINSKIY, G.K.

Konstantin Konstantinovich Markov's role in the creation and development of the paleogeography of the anthropogenic (the Quaternary) period; on his 60th birthday and the 40th anniversary of scientific work. Izv. Vses. geog. ob-va 97 no.4:377-379 Jl-Ag '65.
(MIRA 18:8)

ACC NR: AM5023903 Monograph UR/

Lichkov, Boris Leonidovich

Principles of the contemporary theory of the earth's origin and development (K osnovam sovremennoy teorii Zemli) [Leningrad] Izd-vo Leningr. univ., 1965. 117 p. illus., biblio. (At head of title: Leningradskiy ordena Lenina gosudarstvennyy universitet imeni A. A. Zhdanova) 2500 copies printed.

TOPIC TAGS: earth, earth rotation, sun tide, moon tide, orogeny, earth thermodynamic cycle

PURPOSE AND COVERAGE: The present monograph is a continuation of the author's book "Natural waters of the earth and the lithosphere," which was published in 1960. The author develops further his ideas of the history of the earth. These ideas are based on a rotational hypothesis, according to which the earth's rotation and secular changes in its velocity have determined to a considerable degree the process of deformations and dislocations of the terrestrial lithosphere, as well as the distribution of oceans and continents. Of great interest is the use by the author of Pierre Curie's universal principle of symmetry, which helps to explain the causality of natural phenomena. One of the basic ideas is that of cosmic periodicity in the cyclical phases of orogenesis, behavior of natural waters, soil changes, and, finally,

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ACC NR: AM5023903

development of life on earth. The book is of interest to scientists in all branches of earth sciences. There are 299 references, of which 250 are Soviet.

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ACC NR: AM5023903

Geological Time, Waves of Life, and Changes of the Organic World -- 87

Bibliography -- 100

Appendixes -- 109

SUB CODE: 08 / SUBM DATE: 01Apr65/ ORIG REF: 206/ OTH REF: 053

Card 3/3

LICHKOV, D., inzh.

Brass, aluminum, or copper. Mashinostroene 11 no.6:22-24 Je '62.

1. Zavod za malki elektrodvigateli, Troian.

LICHKOV, D., insh.

Influence of the rate of maximum and starting torques in single-phase asynchronous electric motors on their starting time under pressure. Mashinostroene 13 no.10: 27-30 O '64.

1. Industrial Electric Enterprise, Troyan.

LICHKOV, G.

Aircraft mechanic first class. Grazhd. av. 21 no.8:7 Ag '16'.
(MIRA 18:4)

DONETS, S. (Rostov-na-Donu); KUZ'MIN, A. (Irkutsk); MEDVEDEV, N. (Saratov); LICHKOV, G. (Arkhangel'sk); TSYPIN, Ye. (Sverdlovsk); GITCHENKO, I. (Sochi); GRUZINTSEVA, A. (Novosibirsk); ALIMOV, R. (Alma-Ata); GOLOBORODOV, M. (Syktyvkar)

Outposts of air transportation. Grazhd.av. 20 no.4:22-24 Ap '63. (MIRA 16:5)

(Aeronautics, Commercial)

KOLESINSKAYA, L.A.; LICHKOVA, D.D.

Letter to the editor. Lab.delo 5 no.6:53-54 N-D '59. (MIRA 13:3)
(PIPETTES)

KOLESINSKAYA, L.A.; LICHKOVA, D.D. (Kotlas)

Comments on A.A. Mazo's article "Accelerated method for determining the amount of milk in desserts." Vop. pit. 18 no. 6:75-76 N-D '59. (MIRA 14:2)

(MILK--ANALYSIS AND EXAMINATION)

KOLESINSKAYA, L.A.; LICHKOVA, D.D.

Determining the moisture content in bread. Vop. pit. 21 no.1:80-82 Ja-F '62. (MIRA 15:2)

1. Iz filiala laboratorii Dorses Severnoy zheleznoy dorogi, Kotlas Arkhangel'skoy oblasti.

(BREAD)

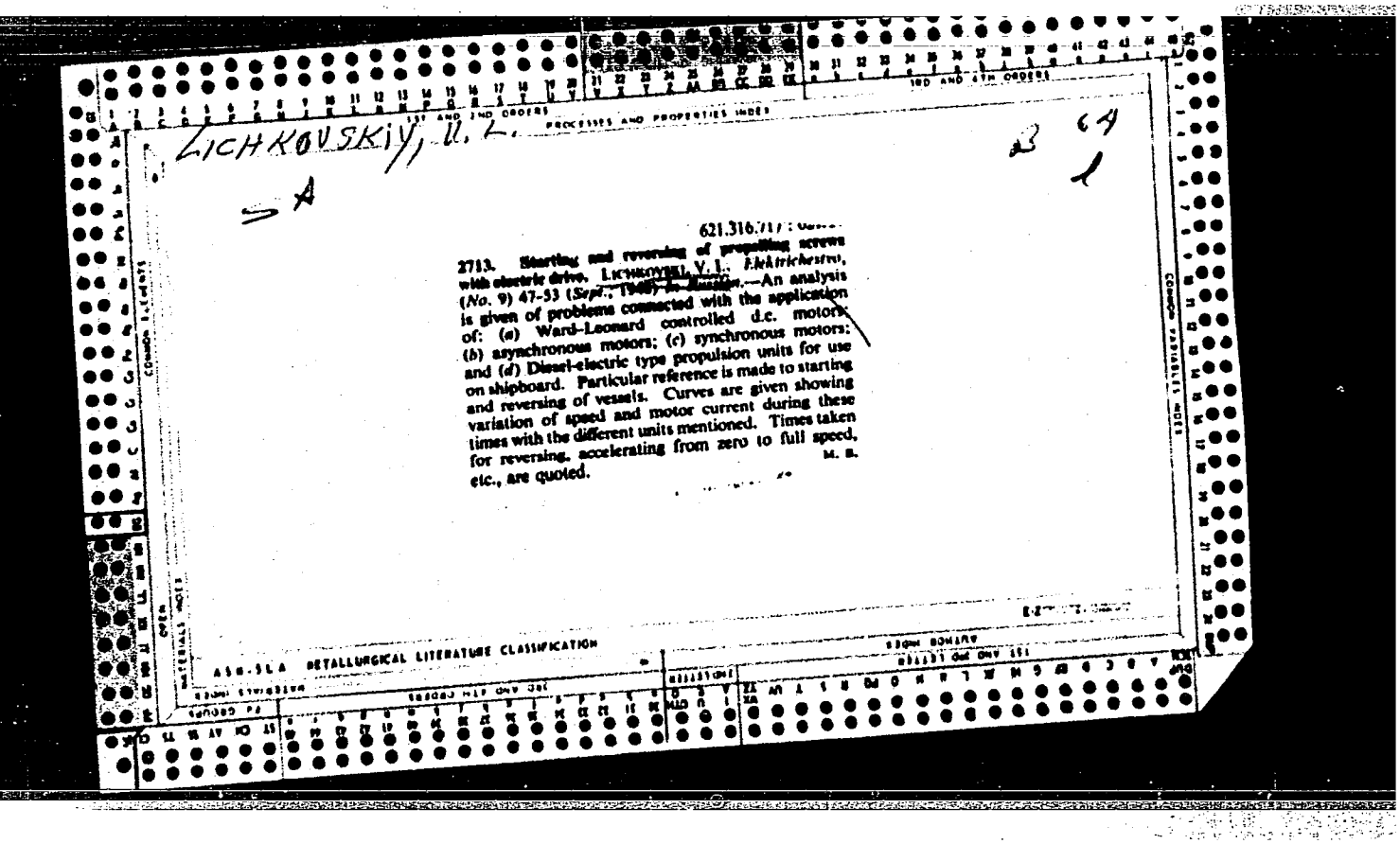
LICHKOVA, N.V.; DULOVA, V.I.

Strength of acids in hexyl and tertiary butyl alcohols. Izv. vys.ucheb.zav.;khim.i khim.tekh. 7 no. 1:10-14 '64.
(MIRA 17:5)

1. Tashkentskiy gosudarstvennyy universitet im. Lenina, kafedra neorganicheskoy khimii.

GORELEYCHENKO, V. K.; LICHKOVSKIY, V. L. and REYNGOLDF, U. A.

Elektricheskoe Oborudovanie Sudov i Predpriyatii Rechnovo Transporta (Electrical Equipment for Vessels and Enterprizes in River Transport), Moscow-Leningrad, 1950.



LICHKOVSKIY, V. L.

621.316.717 : [illegible]

2713. Starting and reversing of propelling screws with electric drive. LICHKOVSKIY, V. I., *Elektrichestvo*, (*No.* 9) 47-53 (*Sept.*, 1949). In Russian.—An analysis is given of problems connected with the application of: (*a*) Ward-Leonard controlled d.c. motors; (*b*) asynchronous motors; (*c*) synchronous motors; and (*d*) Diesel-electric type propulsion units for use on shipboard. Particular reference is made to starting and reversing of vessels. Curves are given showing variation of speed and motor current during these times with the different units mentioned. Times taken for reversing, accelerating from zero to full speed, etc., are quoted. M. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

USSR/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behaviour.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27038

Author : Ayrapet'yants, E.Sh., Lichkus, K.B.

Inst : Institute of Physiology, Academy of Sciences USSR

Title : Formation of Temporary Bond Between Intero- and Proprio Receptive Stimuli

Orig Pub : Tr. In-ta fiziol. AN SSSR, 1957, 6, 142-149

Abstract : In 2 dogs, to the mechanical stimulation of isolated intestinal loop (blowing up of a balloon with a frequency of 60 per min) in the course of 3-5 sec passive flexion of paw was added. From the 20-100th combination, a conditioned motor reaction was observed, which became stable from 50-125 combination. Differentiation was worked out for a different rhythm of stimulation of

Card 1/2

USSR/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27038

intestinal loop (15 per min). After formation of a conditioned alimentary reaction to flexing of the paw, the very first stimulation of interoceptors induced flexion of paw and subsequent conditioned-reflex salivation: stimulation of interoceptors not reinforced by food transformed itself into the signal of alimentary reaction. Prolonged preservation of a complex three-part chain association was a difficult problem for the animal; after 12 applications of blowing up the intestine without reinforcement, manifestations of neurosis were discovered. -- K.S. Ratner.

Card 2/2

LICHKUS, K.V.

Effect of extirpation of the premotor areas of the cerebral cortex on the size of interoceptive conditioned responses from the stomach. Trudy Inst. fiziol. 6:322-329 '57. (MIRA 11:4)

1. Laboratoriya interotseptivnykh uslovnykh refleksov (zaveduyushchiy E. Sh. Ayrapet'yants).
(CEREBRAL CORTEX) (STOMACH--INNERVATION)
(CONDITIONED RESPONSE)

LICHKUS, K.B.

Materials on the physiology of the human skin analyser [with summary in English]. Fiziol.zhur. 43 no.8:729-735 Ag '57. (MLRA 10:9)

1. Laboratoriya interotseptivnykh uslovnykh reflekscv Instituta fiziologii im. I.P.Pavlova AN SSSR, Leningrad
(SKIN, physiology,
conditioned reflex reactions in humans (Rus))
(REFLEX, CONDITIONED,
conditioned skin reactions in man (Rus))

LICHKUS, K. B., Cand Biol Sci -- (diss) "Character of the interoceptive conditioned reflexes from minor and greater gastric curvatures before and after extirpation of the premotor zones of the cortex of the great hemispheres of the cerebr~~al cortex.~~" Len, 1958. 16 pp. (Acad Sci USSR, Inst of Physiology, im I. P. Pavlov), 120 copies. (KL, 9-58, 116)

LICHKUS, K.B.

Interoceptive conditioned reflexes for the lesser and greater curvature of the stomach. Trudy Inst. fiziol. 9:386-393 '60. (MIRA 14:3)

1. Laboratoriya interotseptivnykh uslovnykh refleksov (zaveduyushchiy - E.Sh.Ayrapet'yants) Instituta fiziologii im. I.P.Pavlova.
(CONDITIONED RESPONSE) (STOMACH)

IBRAYEV, Sh.I., dots., kand. tekhn. nauk; LICHMAN, A., red.; ROZHKOV, N., red.; NAGIBIN, P., tekhn. red.

[Boring and blasting operations in mines (during drifting)] Burovzryvnye raboty na rudnikakh (pri prokhodke vyrabotok). Alma-Ata, Kazakhskoe gos.izd-vo, 1962. 183 p. (MIRA 15:10)
(Boring) (Blasting)

IBRAYEV, Sh.I., dotsent, kand.tekhn.nauk; LICHMAN, A., red.; ROZHKOV, N., red.; NAGIBIN, P., tekhn.red.

[Boring and blasting operations in mines] Burovzryvnye raboty na rudnikakh; pri prokhodke vyrabotok. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 183 p. (MIRA 16:1)
(Boring) (Blasting)

LICHMAN, B. Ye.

"Accounting for capital investments based on the journal-vocher form of bookkeeping" by A.A. Serebriakov. Reviewed by B. Lichman. Bukhg. uchet 15 no.4:71-72 Ap '58. (MIRA 11:5)
(Accounting)
(Serebriakov, A.A.)

KAZEYEV, Vladimir Mikhaylovich; LICHMAN, Boris Yevseyevich; BEREZIN, M.M., red.; KOVALEVSKIY, M.A., red.izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Accounting in nonferrous metallurgy using a uniform journal-voucher accounting system] Bukhgalterskii uchet s primeneniem edinoi zhurnal'no-ordenoi formy schetovodstva v tsvetnoi metallurgii. Moskva, Metallurgizdat, 1963. 339 p. (MIRA 17:2)

CHURILOVICH, Lev Mikhaylovich; LICHMAN, B.Ye., red.; BRUSHTEYN, A.I., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Production accounting and estimates in nonferrous metallurgy] Uchet proizvodstva i kal'kuliatsiia v tsvetnoi metallurgii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 304 p. (MIRA 13:6)
(Nonferrous metal industries--Accounting)
(Nonferrous metals--Estimates and costs)

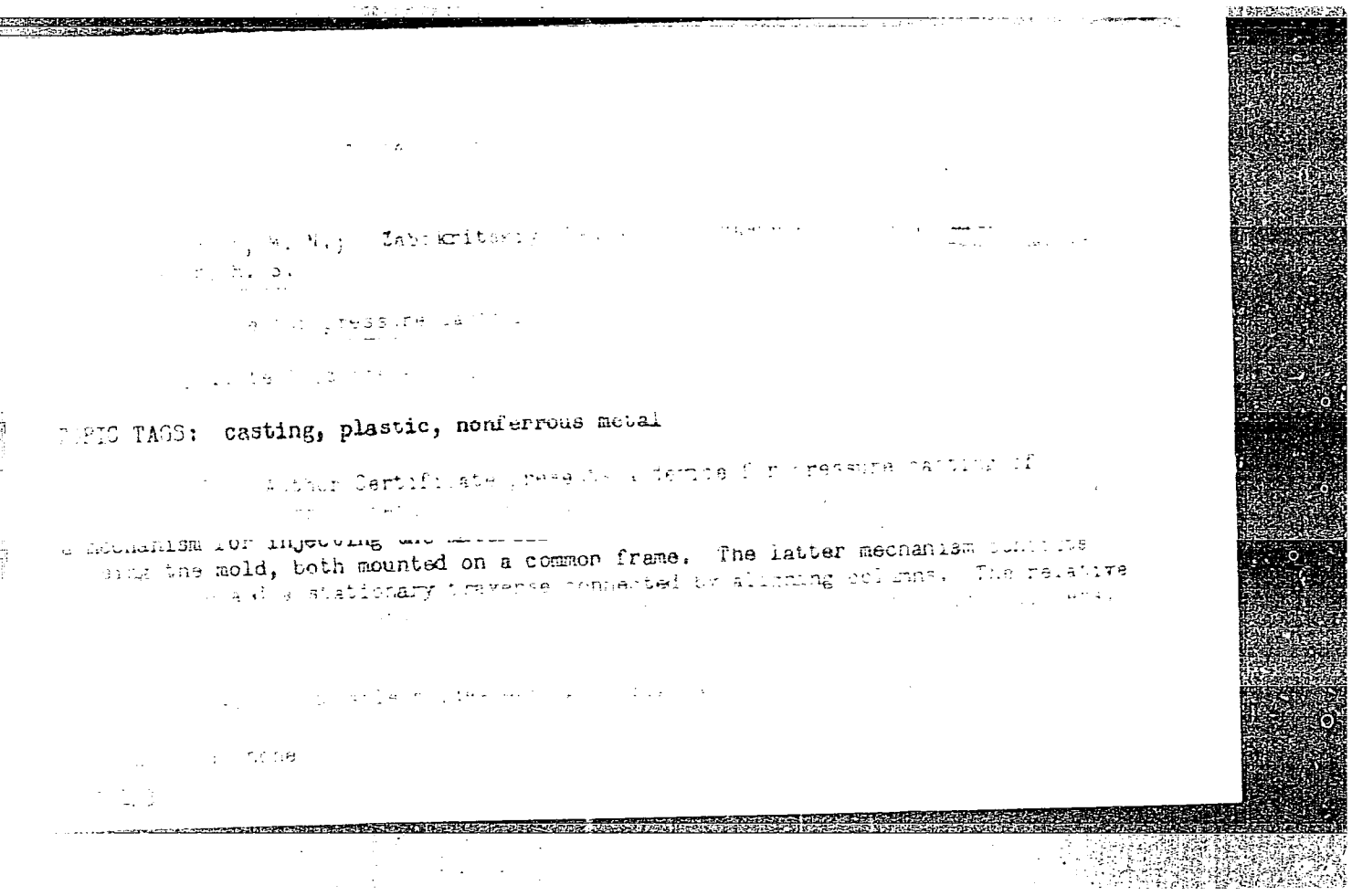
UTEVSKAYA, S.L., prof. (Khar'kov); DOBROVOL'SKAYA, Ye.I., assistent (Khar'kov); LICHMAN, G.A., vrach (Khar'kov)

Microflora of the gingival pouches in paradentosis. Probl. stom. 4:103-109 '58. (MIRA 13:6)
(GUMS--BACTERIOLOGY) (GUMS--DISEASES)

UTEVSKAYA, S.L.; DOBROVOL'SKAYA, Ye.I.; LICHMAN, G.A.

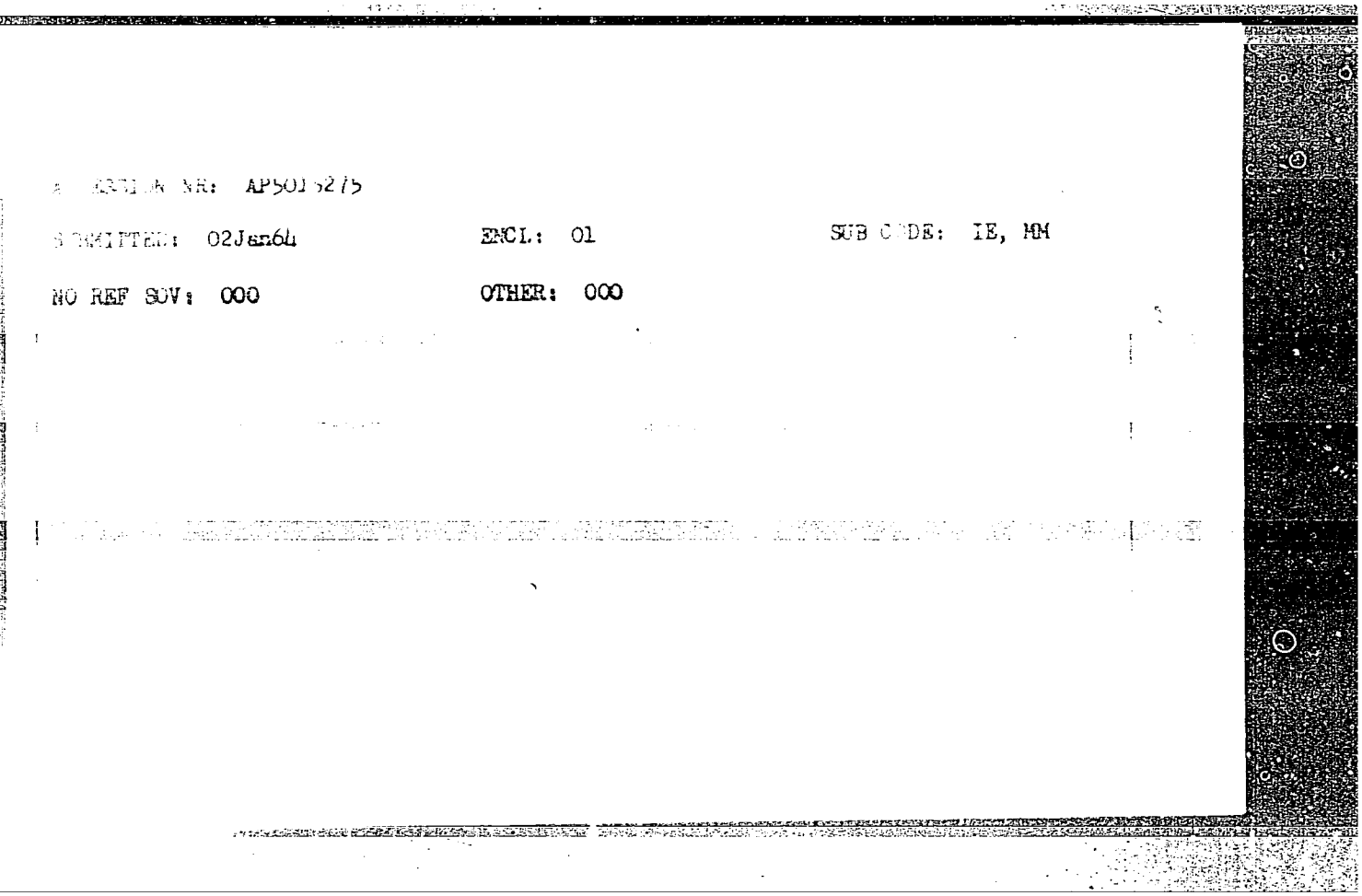
Study of the microflora in pyorrhea alveolaris. Probl. stom. 5: 41-45 '60. (MIRA 15:2)

1. Khar'kovskiy meditsinskiy stomatologicheskiy institut i TSentral'nyy stomatologicheskaya poliklinika.
(GUMS--DISEASES) (GUMS--MICROBIOLOGY)



PIC TAGS: casting, plastic, nonferrous metal

the mold, both mounted on a common frame. The latter mechanism



ACCESSION NR: AP5013275

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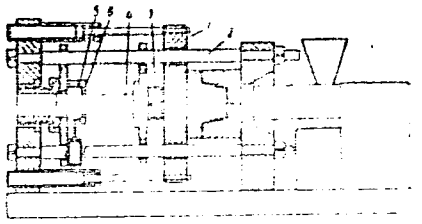


Fig. 1.

1- movable traverse; 2- aligning columns;
3- sylphon; 4- stem; 5- opening;
6- slide-bearing

Card 3/3

LICHMANOV, B.V.; DOLGOV, S.I.

Effect of shelterbelts on the distribution of humus and carbonates in the soils of the Kulunda Steppe. Pochvovedenie no.9:11-18 S '64. (MIRA 17:12)

1. Pochvennyy institut imeni V.V.Dokuchayeva AN SSSR, Moskva.

L 44272-66 EWT(m)

ACC NR: AR6011885 SOURCE CODE: UR/0299/65/000/022/M016/M016

AUTHOR: Lichmanova, G. A. 19

TITLE: Effect of chronic irradiation on regeneration of a damaged nerve

SOURCE: Ref. zh. Biologiya, Abs. 22M119

REF SOURCE: Nauchn. tr. Samarkandsk. med. in-t, v. 31, 1964, 85-90

TOPIC TAGS: radiation biologic effect, [redacted], tissue physiology, neuron, radiation tissue effect

ABSTRACT: In a 1st series of experiment (11 rabbits) the degree of neurotization of the sciatic nerve was investigated following its severing at the upper third level of the hip. In the 2nd series of experiments 37 rabbits were first irradiated with 10 and 25 r doses every 3 to 5 days (200 r cumulative dose), and then the sciatic nerve was severed. In the 1st series growth of axons took place during the first week following the trauma, and typical branching of nerve elements took place in the proximal muscle after 3 mos. In animals of the 2nd series the regeneration tempo of the injured sciatic nerve was markedly retarded. N. S. [Translation of abstract].

SUB CODE: 06

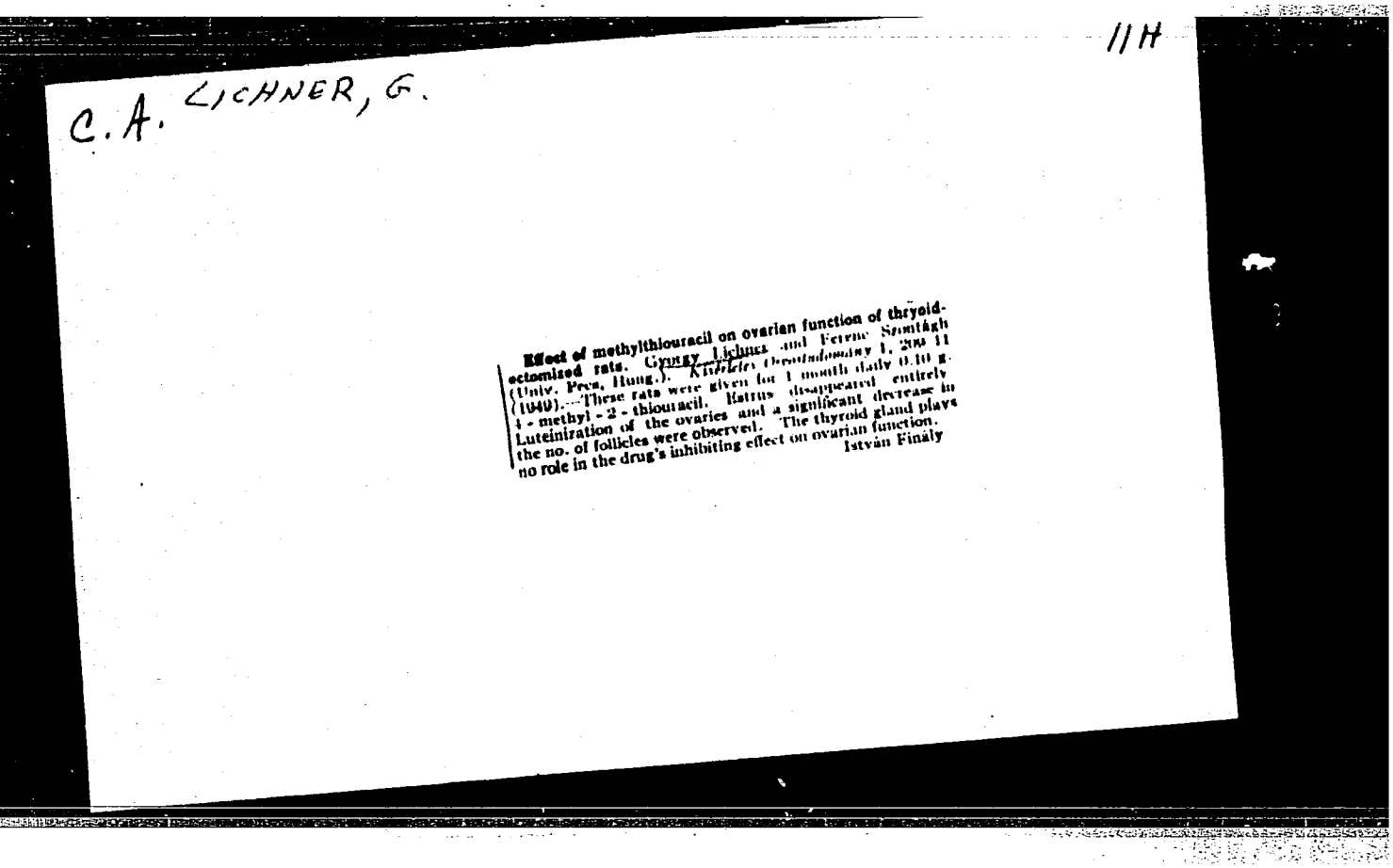
UDC: 591.169

Card 1/1 mjs

SHERSTKOV, Yu.A.; PLATONOVA, G.P.; LICHMANOVA, V.T.

Direct current arc as a source of heterogeneous light. Izv.vys. ucheb.zav.; fiz. no.3:68-77 '59. (MIRA 12:10)

1. Ural'skiy gosuniversitet imeni A.M.Gor'kogo.
(Electric arc)



C.A. LICHNER, G.

11H

Effect of methylthiouracil on ovarian function of thyroidectomized rats. Gyorgy Lichner and Ferenc Szentágh (Univ. Pecs, Hung.). *Kisérletes Orvostudomány* 1, 288-11 (1949).—These rats were given for 1 month daily 0.10 g. 4-methyl-2-thiouracil. Ratrus disappeared entirely. Luteinization of the ovaries and a significant decrease in the no. of follicles were observed. The thyroid gland plays no role in the drug's inhibiting effect on ovarian function.
István Finály

SZEKERES, L.; LICHNER, G.

Comparative study on the metabolism of the right and left heart ventricles. Acta physiol. acad. sci. hung. 21 no.3:243-247 '62.

1. Institute of Pharmacology, Medical University, Pecs.
(MYOCARDIUM) (CARBOHYDRATE METABOLISM)

MANDAK, Milan, doc., PhMr. (Bratislava, Ulica Odborarov 12); STRUHAR, Milan, LICHNEROVA, Irena

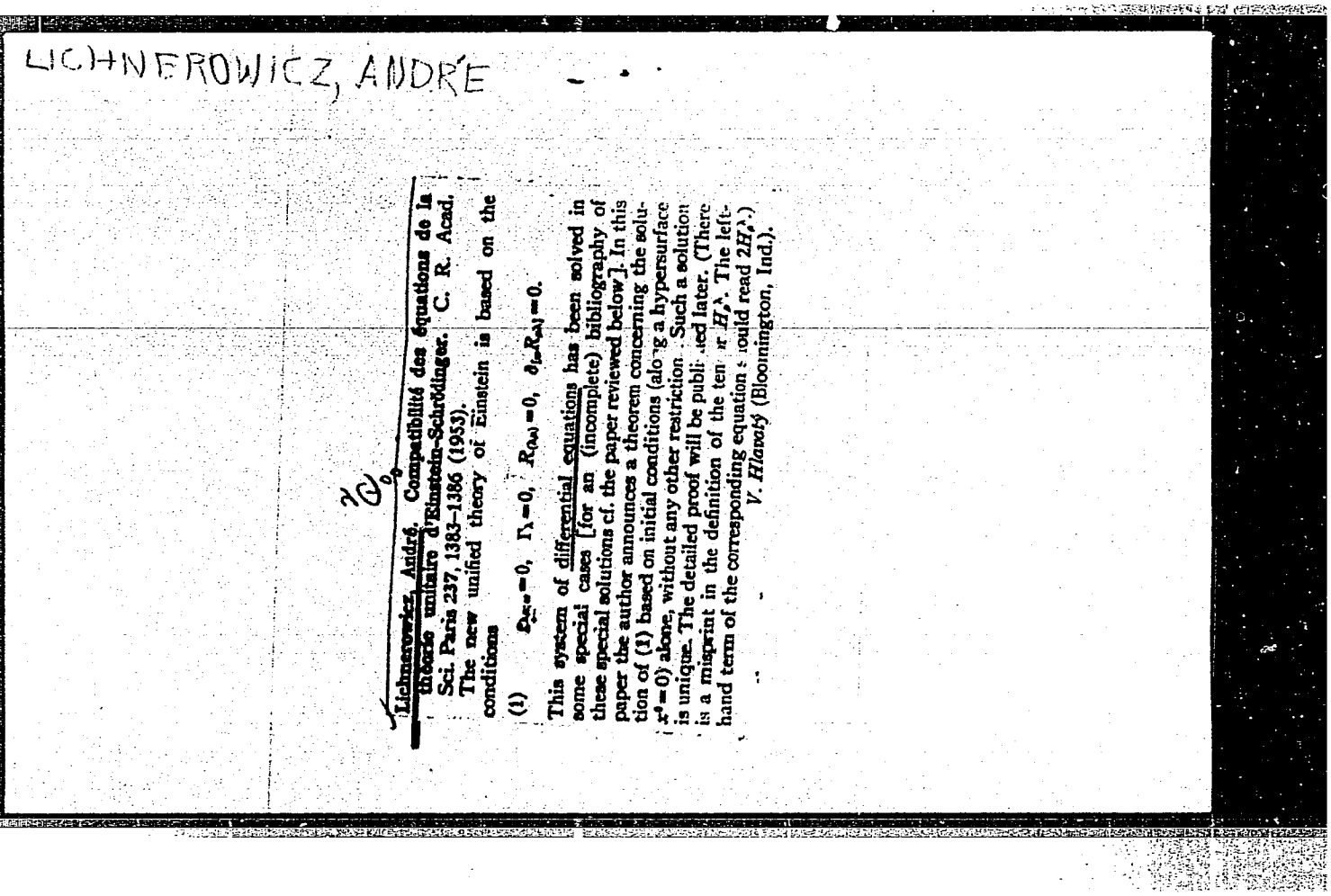
Use of surface active agents in the preparation of extracts from drugs. Acta pharmac 6:127-146 '62

1. Department of Galenical Pharmacy, Faculty of Pharmacy, Bratislava.

LICHNEROVA, K.

"Report on the 3rd Annual Mathematical Olympiad in Slovakia." p. 242,
(MATEMATICKO-FYZIKALNY CASOPIS, Vol. 4, No. 4, 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.



LICHNEROWICZ, ANDRÉ

Lichnerowicz, André. Compatibilité des équations de la théorie unitaire d'Einstein-Schrödinger. C. R. Acad. Sci. Paris 237, 1383–1386 (1953).

The new unified theory of Einstein is based on the conditions

(1) $\mathfrak{L}_{\alpha\beta}=0$, $\Gamma_\lambda=0$, $R_{(\alpha\beta)}=0$, $\partial_{[\alpha}R_{\beta\gamma]}=0$.

This system of differential equations has been solved in some special cases [for an (incomplete) bibliography of these special solutions cf. the paper reviewed below]. In this paper the author announces a theorem concerning the solution of (1) based on initial conditions (along a hypersurface $x^1=0$) alone, without any other restriction. Such a solution is unique. The detailed proof will be published later. (There is a misprint in the definition of the tensor H_λ. The left-hand term of the corresponding equation should read $2H_\lambda$.)

V. Hlavatý (Bloomington, Ind.).

LICHNEROWICZ, Andre, 1915-

[Global theory of connexes and of holonomy groups]Teoriia sviaznostei v tselom i gruppy golonomii. Moskva, Izd-vo inostr. lit-ry, 1960. 216 p. (MIRA 16:3)
(Curves on surfaces) (Geometry, Differential)

LICHNERSKY

POLAND / Chemical Technology. Processing of Naturally H
Deposited Solid Fuels.

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75208.

Author : Lichnersky.
Inst : Not given.
Title : A Method for Determining the Mechanical Strength of Coals.

Orig Pub: Przegl. gorniczy, 1957, 13, No 12, Biul. Gl. inst. gornictwa, 27-32.

Abstract: A method for determining the tendency of lump coal to crush was investigated. The "Shatter Test" was tried, consisting in the dumping of coal four times under specified conditions from a height of 1.83 m. The coal had an initial lump size of 80 to 100mm. Yields (weight%) were measured on the grades > 80 mm., 10 - 0 mm,

Card 1/2 41

AUTHOR: Lichnov, A. I. Chief Engineer 107-58-7-7/43

TITLE: The Pride of Soviet Radio Construction (Pervenets sovetskogo radio-stroyeniya)

PERIODICAL: Radio, 1958, Nr 7, p 11 (USSR)

ABSTRACT: The history and present activity of the State Electrical Equipment Plant are summed up. This was first plant in the USSR to begin mass production of radio apparatus.

ASSOCIATION: Gosudarstvennyy elektrotekhnicheskiy zavod (The State Electrical Equipment Plant)

1. Radio Equipment--Production--USSR

Card 1/1

ZHUKOV, Vasiliy Andreyevich; MESYATSEV, P.P., retsenzent; LICHNOV, A.I., inzh., retsenzent; SHIROKOVA, Z.G., inzh., retsenzent; GUREVICH, B.D., inzh., retsenzent; BASTANOV, S.S., inzh., retsenzent; GOLOVINA, K.N., inzh., retsenzent; BEL'TSEV, A.N., inzh., retsenzent; SOLOMATIN, V.V., inzh., retsenzent; MARSHEV, N.I., inzh., retsenzent; MARSHEV, N.I., inzh., retsenzent; BALASHEVA, T.I., inzh., retsenzent; GIRSHMAN, G.Kh., red.; ANGELEVICH, N.E., red.; SOBOLEVA, Ye.M., tekhn.red.

[Technology of the manufacture of radio equipment] Tekhnologiia proizvodstva radioapparatury. Moskva, Gos.energ.izd-vo, 1959. 636 p. (MIRA 13:3)

(Radio industry)

LICHNOVSKY, L.

Cutting gears with spiral teeth on gear cutters. p. 405.
STROJIRENSKA VYROBA, Prague, Vol. 3, no. 10, Oct. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

CINGR, Erik, dr.; LICHNOVSKY, Ludomir, inz.

When to accept an assembled technical installation. Uhli 5 no.6:210-211 Je '63.

1. Ministerstvo paliv, resortni arbitraz (for Cingr).
2. Sdruzeni Ostravsko-Karvinskych dolu, Ostrava (for Lichnovsky).

LICHNOWSKI, Jozef, mgr inz.

Rational electric equipment of construction grounds. Wiad elektrotech 33 [i.e. 32] no. 2:44-45 F '64.

1. Zakład Gospodarki Energetyczneji Paliw, Instytut Organizacji i Mechanizacji Budownictwa, Warszawa.

KOSSOBUDZKI, Stanislaw, mgr inz.; LICHNOWSKI, Jozsef, mgr inz.

Electric power supply development of building grounds.
Wiad elektrotechn 33 no.10:295-297 O '64.

1. Department of Electric Power Management and Fuels, Institute of Building Mechanization and Organization, Warsaw.

LICHODZIEJEWSKI, C

Principles of radiotelemetry. p. 65.

TECHNIKA LOTNICZA. (Zwiazek Polskich Inzynierow i Technikow Lotniczych) Warszawa, Poland. Vol. 14, No. 3, May/June 1959.

Monthly List of East European accession (EEAI), LC. Vol. 8, No. 9 September, 1959. Uncl.

44489
P/031/62/007/003/009/013
D201/D308

9.8300
9.3278

AUTHOR: Lichodziejewski, Cezary

TITLE: A six-channel (PTM-AM) radiotelemetering system with time division

PERIODICAL: Archiwum Automatyki i Telemechaniki, v. 7, no. 3-4, 663-676 1962

TEXT: Channel scanning system - series, repetition frequency 400 c/s. The receiver is synchronized to the transmitter by the first of the information pulses of every commutation cycle. The technical data of the system are as follows: Transmitter (airborne): carrier frequency 460 Mc/s, peak pulse power 30 W, pulse width 2.5 microseconds. Telemetry modulating signals d.c. 0 to 5 V, channel position variation 20 to 220 microseconds: permissible non-linearity in the pulse position as function of the information signal voltage ± 0.5%. Accuracy of measurement ± 3%. Supply 12 V d.c., consumption 50 W. Overall weight (airborne version) 7.5 kg. Receiving end (surface): Carrier frequency 460 ± 1 Mc/s, pass-band 5 Mc/s.

Card 1/2

P/031/62/007/003/009/013
D201/D308

A six-channel ...

Sensitivity at least 60 microvolts for 15 db S/N ratio. Commutator-electronic. Reading: either loop oscilloscope or photo-camera. Channel operation control by means of an internal monitor. Supply 220 V, 50 c/s mains, overall consumption 450 W a.c. plus 75 W d.c. for the scope. Overall weight 47 kg. Detailed circuit diagrams are given and the operation of every section of the system is described. There are 19 figures.

ASSOCIATION: Instytut Lotnictwa (Aviation Institute)

Card 2/2

9.8300
9.3278

P/301/62/007/003/010/013
D201/D308

AUTHORS: Rojszyk, Stanisław and Lichodziejewski, Cezary

TITLE: Multiplexing in a multi-channel radiotelemetering PPM-AM system

PERIODICAL: Archiwum Automatyki i Telemechaniki, v. 7, no. 3-4, 679-687

TEXT: The authors consider the possibility of applying various types of commutators to a 32-channel PPM-AM radiotelemetering transmitter and discuss trends in their improvement and modernization. Several solutions of multiplexing are discussed which are considered optimal from the point of view of economy, simplicity, reliability and their effect upon the system as a whole. From all possible versions of commutator arrangements only those are considered which can be realized with components available in Poland. Two types are shown to be preferable: systems in which the automatic calibration loop extends over the whole switching arrangement and, in the case of a single common modulator, systems in which the loop

Card 1/2

9.8300
9.3278

P/031/62/007/003/011/013
D201/D308

AUTHORS: Aleszkiewicz, Sławomir and Lichodziejewski, Cezary

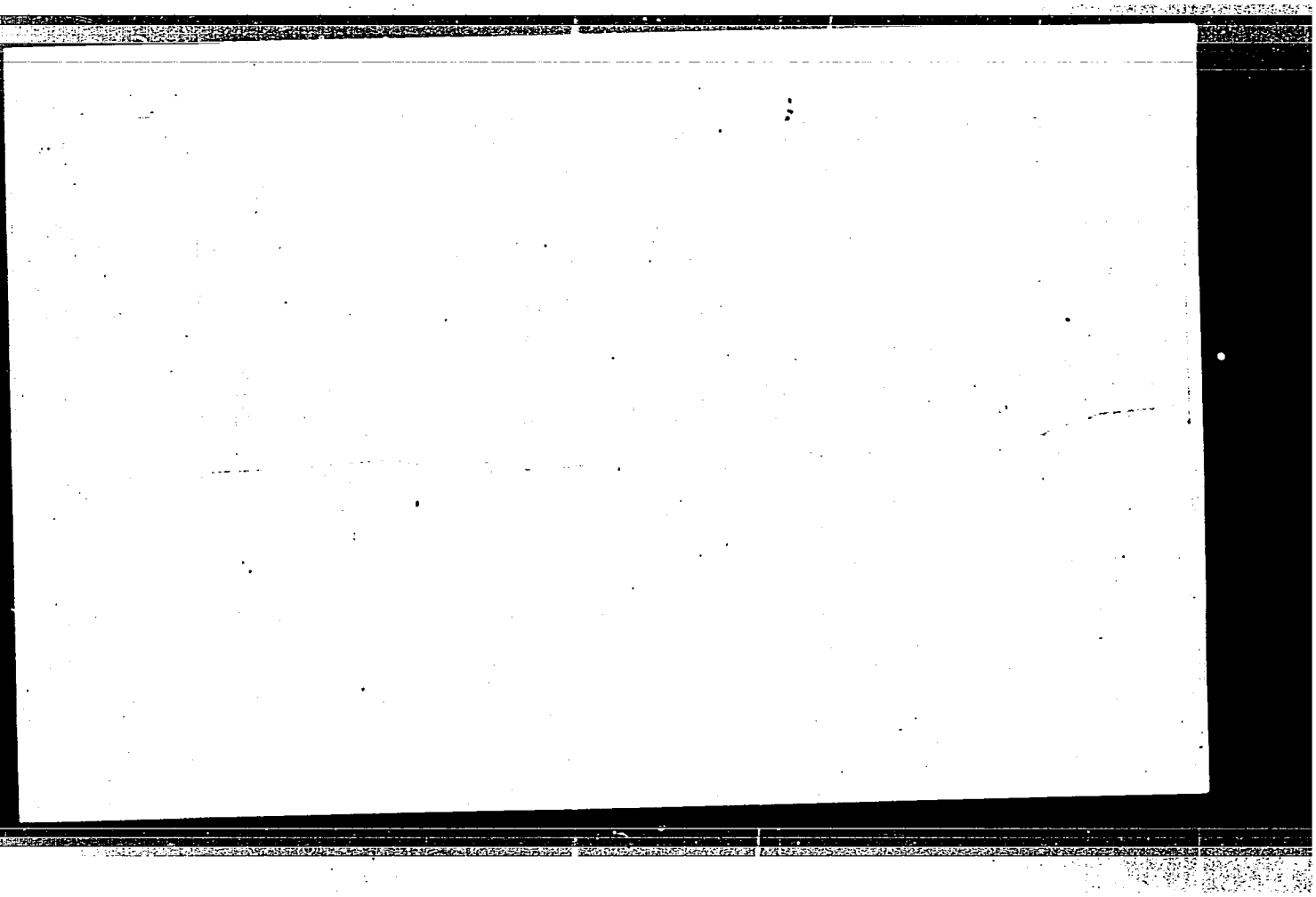
TITLE: The reproduction of the measured process from the radiotelemetering signal in an equal time channel multiplexing PPM-AM system

PERIODICAL: Archiwum Automatyki i Telemechaniki, v. 7, no. 3-4, 689-693

TEXT: This is a general analysis of the operation and accuracy of the receiving part of an equal time channel multiplexing PPM-AM system, consisting of an antenna, receiver, pulse-width discriminator, synchronizing pulse discriminator, switching pulse generator, multiplexing arrangement, recorder and output stages. A general analysis of errors introduced into the system shows that the overall error of the arrangement is of the order of 2% which may be reduced to 1% by calibration prior to automatic calibration during the measurements. There are 4 figures.

ASSOCIATION: Instytut Lotnictwa (Aviation Institute)

Card 1/1



ROJSZYK, Stanislaw; LICHODZIEJEWSKI, Cezary

Multiplying in a multichannel PPM-AM radiotelemetric system. Archiw automat 7 no.3/4:679-688 '62.

1. Instytut Lotnictwa, Warszawa.

LICHODZIEJEWSKI, Cezary

A 6-channel radiotelemetric system with time division of the PPM-AM type. Archiw automat 7 no.3/4:663-677 '62.

1. Instytut Lotnictwa, Warszawa.

ALESZKIEWICZ, Slawomir; LICHODZIEJEWSKI, Cezary

Reproduction of the course of processes measured from radiotelemetric signals in a PPM-AM system with equal time division into the channels. Archiw automat 7 no.3/4:689-694 '62.

1. Instytut Lotnictwa, Warszawa.

LICHODZIEJEWSKI, J.

LICHODZIEJEWSKI, J. Electrification of the main driving power in inland navigation. p. 234

Vol. 16, no. 6, June 1956
GOSPODARKS WODNA
TECHOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

LICHODZIEJEWSKI, J.

Electrification of amin drives of engines in inland navigation. Pt. 3. Problems of the electrification of water transportation in Poland. p.242.

(GOSPODARKA WODNA. Vol. 17, No. 5, May 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

KARDYS, Zbigniew, mgr; LICHOMSKI, Janusz, mgr

Certain aspects of drug consumption in Poland. Farmacja Pol 18 no.17/18:439-443 S '62.

1. Osrodek Informacji Naukowej POLFA.